

FIG. 1

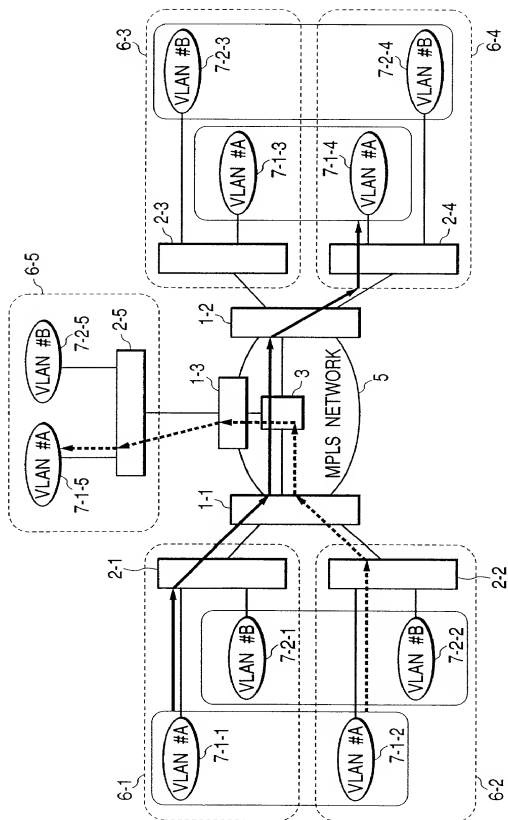
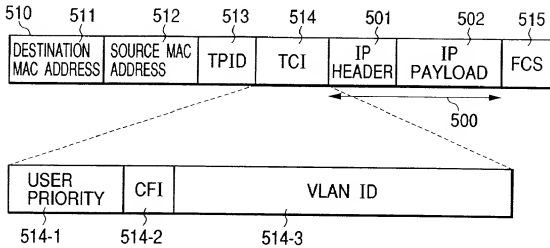


FIG. 2

TCI : TAG CONTROL INFORMATION
 CFI : CANONICAL FORMAT INDICATOR
 TPID : TAG PROTOCOL IDENTIFIER

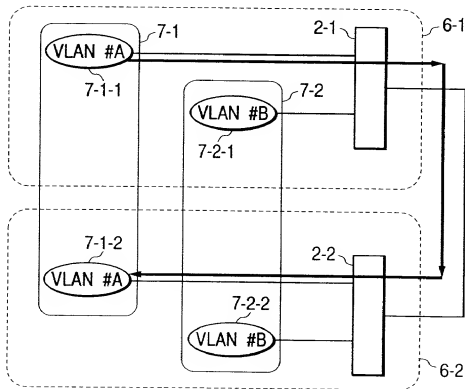
FIG. 3

FIG. 4

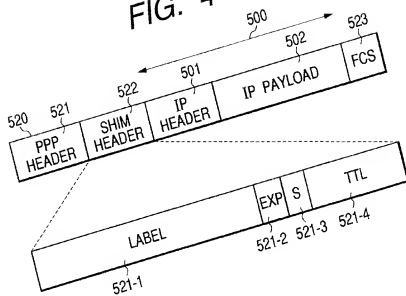


FIG. 5

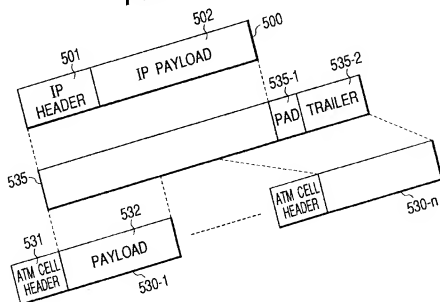


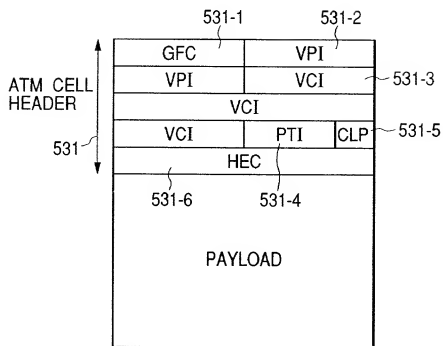
FIG. 6

FIG. 7

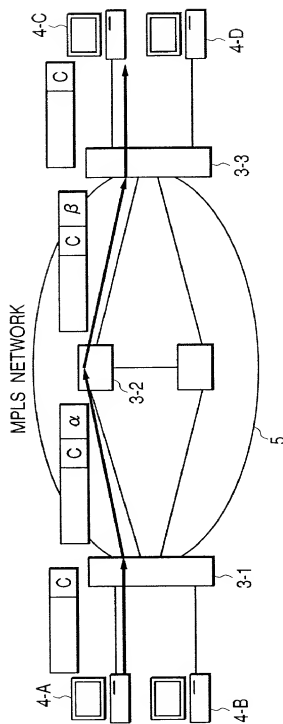


FIG. 8

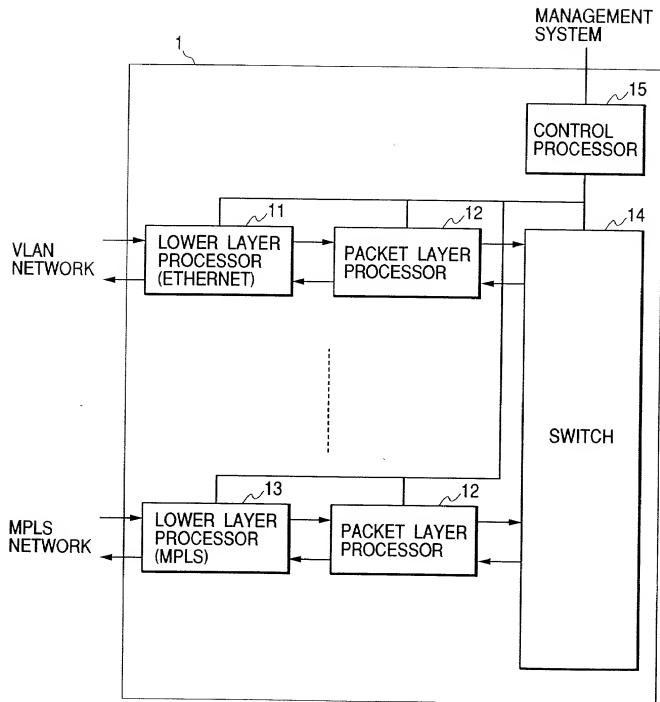


FIG. 9

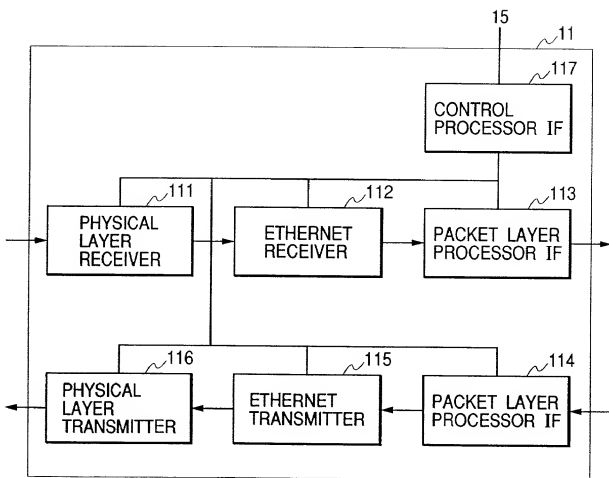


FIG. 10

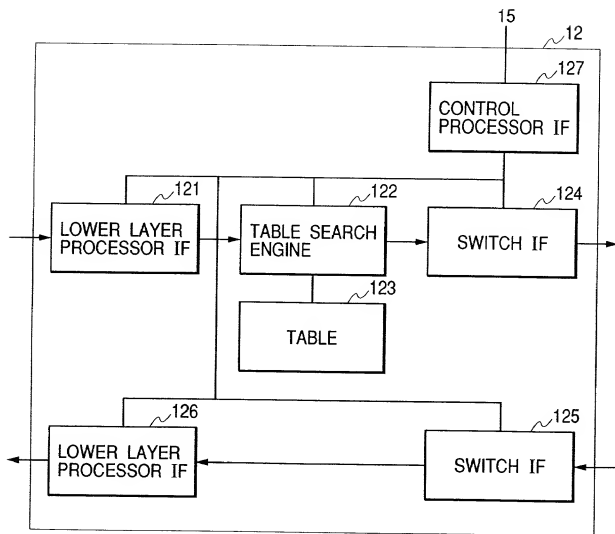


FIG. 11

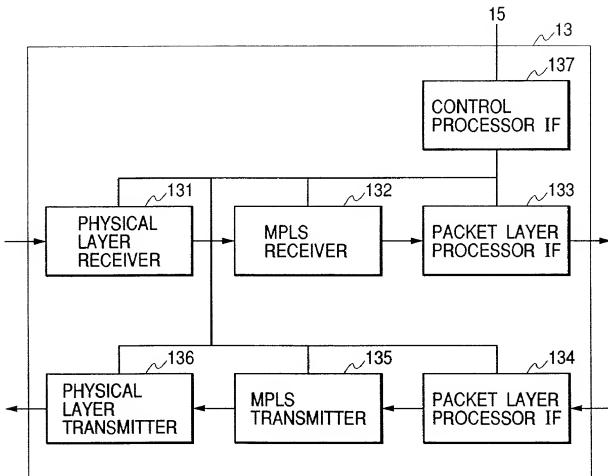


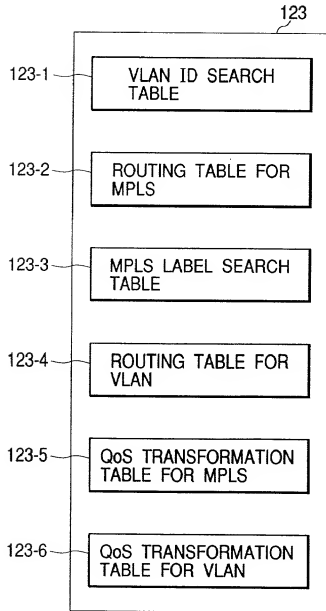
FIG. 12

FIG. 13

123-1-1 INPUT VLAN ID	123-1-2 VLAN
10	VLAN #A
20	VLAN #B
⋮	⋮

← SEARCH KEY RESULT →

FIG. 14

			123-2-1	123-2-2	123-2-3
123-2			DESTINATION IP ADDRESS	OUTPUT LABEL	OUTPUT PHY. PORT
FOR VLAN #A	123-2-a		192.168.10.0	100	3
			192.168.20.0	101	5
			⋮	⋮	⋮
FOR VLAN #B	123-2-b		192.168.10.0	102	5
			192.168.20.0	103	3
			⋮	⋮	⋮
			⋮	⋮	⋮
			SEARCH KEY RESULT		

FIG. 15

123-3-1 INPUT LABEL	123-3-2 VLAN
100	VLAN #A
101	VLAN #A
102	VLAN #B
⋮	⋮

SEARCH KEY RESULT

FIG. 16

		123-4-1	123-4-2	123-4-3	123-4-4
VLAN #A	123-4	DESTINATION IP ADDRESS	MAC ADDRESS	OUTPUT VLAN ID	OUTPUT PHY. PORT
		192.168.10.0	aa.bb.cc. dd.ee.ff	10 (VLAN #A)	8
		192.168.20.0	11.22.33. 44.55.66	10 (VLAN #A)	9
		⋮	⋮	⋮	⋮
VLAN #B	123-4-a	192.168.10.0	aa.bb.cc. dd.ee.ff	20 (VLAN #B)	9
		192.168.20.0	11.22.33. 44.55.66	20 (VLAN #B)	8
		⋮	⋮	⋮	⋮
	123-4-b	⋮	⋮	⋮	⋮
		⋮	⋮	⋮	⋮
		SEARCH KEY			
		RESULT			

FIG. 17

123-10-1 TCP/IP HEADER (DESTINATION IP ADDRESS)	123-10-2 USER PRIORITY	123-10-3 MPLS QoS
192.168.0.0	0	0
192.168.0.0	7	7
⋮	⋮	⋮

SEARCH KEY RESULT

FIG. 18

123-11	123-11-1 TCP/IP HEADER (DESTINATION IP ADDRESS)	123-11-2 MPLS QoS	123-11-3 USER PRIORITY
	192.168.0.0	0	0
	192.168.0.0	7	7
	⋮	⋮	⋮

SEARCH KEY RESULT

FIG. 19

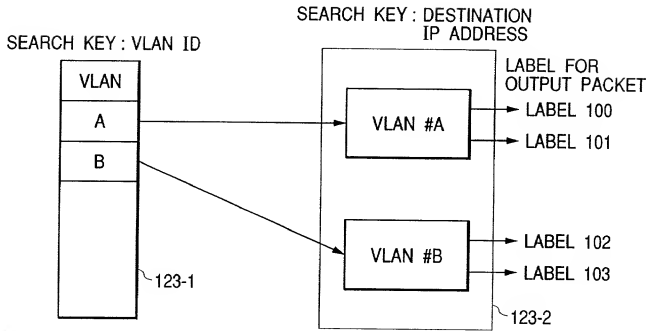


FIG. 20

